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Art Unit: 2193

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From: Winston Hsu, Registration No. 41,526

Serial No.: 10/710,398

Attorney Docket No.: MTKP0068USA

Subject: Information Disclosure Statement (IDS)

Total Pages: 27 pages (including cover page)

Winston Hsu 2005/06/29

MTKP0068USA0\_D1\_1

PTO/SB/97 (09-04)
Approved for use through 07/31/2006, OMB 0651-0031
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This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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$\overline{}$	***		Application Number	10/71				
TRANSMITTAL			Filing Date	07/08/	7/08/2004			
FORM			First Named Inventor	Yung-	Yung-Chun Lei			
			Art Unit	2193	· · · · · · · · · · · · · · · · · · ·			
(to be used for all correspondence after initial filling)			Examiner Name	NGO,	IGO, CHUONG D			
Total Number of Pages in This Submission 25			Attorney Docket Number	MTKP	MTKP0068USA			
ENCLOSURES (Check all that apply)								
Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request		Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a  Provisional Application  Power of Attorney, Revocat  Change of Correspondence  Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Landscape Table on 0	Address					
	sing Parts/ Application y to Missing Parts or 37 CFR 1.52 or 1.53	Remar	DF APPLICANT, ATTO	ORNEY. C	DR AGENT			
Firm Name								
Signature		Νοπη	America Intellectu	<del></del>	erry Corpoi	ation		
Signature Winters Law								
Printed name	Printed name Winston Hsu							
Date 06/29/2005			-	Reg. No.		41,526		
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Typed or printed nar	me				Date			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	2/08/2004.		Complete If Known				
Fees pursuant to t		Application Number 10/710.		10,398	.398		
FEE TRANSMITTAL			Filing Date 07/08/2004		8/2004		
For FY 2005			First Named Inventor Yung-C		-Chun Lei	hun Lei	
1				Examiner Nam	e NGC	, CHUONG	D
Applicant d	alms small entity s	tatus. See 37 t	CFR 1.27	Art Unit	2193	3	····
TOTAL AMOUN	T OF PAYMENT	(\$) 0.00		Attorney Docket No. MTKP0068USA			
METHOD OF	PAYMENT (chec	ck all that appl	у)				
Check	Credit Card	Money Or	rder No	ne Other	please identify):		
Deposit A	count Deposit A			,		orth America Inte	ellectual Property Corp.
For the at	oove-identified dep	posit account, th	e Director is he	reby authorized to	o: (check all tha	t apply)	
<b>✓</b> Ch	arge fee(s) indicat	ed below		Char	ge fee(s) indical	ted below, exce	pt for the filing fee
	erge any additions		rpayments of fe	e(s) Cred	it any overpaym	ents	
WARNING: Informa	der 37 CFR 1.16 a ation on this form m thorization on PTO	nay become publi	lc. Credit cord in				ride credit card
FEE CALCUL							
1. BASIC FILIN	IG, SEARCH, A	ND EXAMINA	TION FEES				
	FILI	NG FEES Small Entit	SEAF	RCH FEES	EXAMINAT		
Application 1	Ype Fee	(\$) Fee (\$)	Y Fee (S	Small Entity Fee (\$)		nali Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CL Fee Description	AIM FEES						Small Entity Fee (\$) Fee (\$)
Each claim over	r 20 or, for Reiss	sues, each clai	im over 20 an	d more than in	the original pa	itent	Fee (\$) Fee (\$)
Each independe	nt claim over 3						
Multiple depend Total Claims			- 48\	m. 1.1.46\			360 180
	Extra C or HP =	X X	• (\$) <u>Fee</u>	Paid (\$)	Fee (\$)	<u>endent Claims</u> Fee Pair	•
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indep. Claims - 3	Extra C	<u>Jaima Fe</u> x	e (5) <u>Fee</u>	Paid (\$)		-	
HP = highest number of independent claims paid for, if greater than 3							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity)							
for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (8) Fee Paid (5)							
-100 = /50 = (round up to a whole number) x							
4. OTHER FEE(S) Fees Paid (\$)							
Non-English Specification, \$130 fee (no small entity discount)							
Other: subr	Other: submission of Information Disclosure Statement 0.00						0.00
SUBMITTED BY							
Signature	11/6	iston by	er l	Registration No. (Attorney/Agent)	41,526	Telephone	302-729-1562
Name (Print/Type)				's man witching			/29/2005

This collection of Information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)
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Substitute for form 1449/PTO		re required to respond to a collection of information unless it control a valid OMB control number.  Complete if Known					
				Application Number	10/710,398		
INFORMATION DISCLOSURE				Filing Date	07/08/2004		
STATEMENT BY APPLICANT (Use as many sheets as necessary)			PPLICANT	First Named Inventor	Yung-Chun Lei		
			anne e e e e e e e e e e e e e e e e e e	Art Unit	2193		
			ecassa, y,	Examiner Name	kaminer Name NGO, CHUONG D		
Sheet	1	of	1	Attorney Docket Number	MTKP0068USA		

	I 0::	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
	1	ALAN V. OPPENHEIM, Realization of Digital Filters Using Block-Floating-Point Arithmetic., IEEE TRANSACTIONS ON AUDIO AND ELECTROACOUSTICS., JUNE 1970, pp. 130-136, VOL. AU-18, NO.2.	
	2	CHUN TE EWE, PETER Y.K. CHEUNG, and GEORGE A. CONSTANTINIDES., Dual Fixed-Point: An Efficient Alternative to Floating-Point Computation., 2004, pp.200-208.	
	3	SHIRO KOBAYASHI and GERHARD P. FETTWEIS., A NEW APPROACH FOR BLOCK-FLOATING-POINT ARITHMETIC., Acoustics, Speech, and Signal Processing., ICASSP '99. Proceedings., 1999 IEEE International Conference, 15-19 Mar 1999, pp. 2009-2012, Vol. 4.	
· ·			

Examiner	Date	
Signature	Considered	
		L

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EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English tanguage Translation is attached.

This collection of Information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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PATENT

JUN 2 9 2005

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Yung-Chun Lei, Yu-Chu Chen, Yu-Chi Chang

5 Appl. No.:

10/710,398

Filing Date: 07/08/2004

Examiner:

NGO, CHUONG D

Art Unit: 2193

Docket No.:

MTKP0068USA

Title: DIGITAL SIGNAL PROCESSOR BASED ON JUMPING FLOATING-POINT

10 ARITHMETIC

To:

Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

15

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Subject:

Information disclosure statement under 37 CFR §1.56

Dear Sir,

This is an Information Disclosure Statement in accordance with the duty to disclose information material to patentability under 37 C.F.R. §1.56. The applicant wishes to make of record the documents listed on the accompanying form PTO/SB/08.

All items of information contained in this IDS were disclosed by the inventors. Since this IDS is filed before the mailing date of the first Office action, consideration of the information disclosure statement is hereby requested according to 37 CFR §1.97(e).

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure

statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

It is respectfully requested that the examiner can consider the document(s) listed on the accompanying form PTO/SB/08 and that it be made of record in the application. The applicants sincerely hope that the examiner initials the cited reference(s) on the form and that a copy of the initialed form be sent to the applicants with the next communication from the examiner.

10 Respectfully submitted,

Winter Hars\_

Date: June 29, 2005

Winston Hsu, Patent Agent No. 41,526

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